



Docket 81258 D/N-R # 4
Customer No. 01333

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Constantine N. Anagnostopoulos, et al

CMOS/MEMS INTEGRATED INK
JET PRINT HEAD WITH OXIDE
BASED LATERAL FLOW NOZZLE
ARCHITECTURE AND METHOD
OF FORMING SAME

Serial No. 10/025,363

Filed December 19, 2001

Commissioner for Patents
Washington, D.C. 20231

Group Art Unit: 2853

Examiner:

I hereby certify that this correspondence is being
deposited today with the United States Postal Service
as first class mail in an envelope addressed to
Commissioner for Patents, Washington, D.C. 20231.

Marilyn Rogers
Marilyn Rogers
Date *Feb. 28, 2002*
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Sir:

INFORMATION DISCLOSURE STATEMENT FOR CONSIDERATION
BY THE OFFICE UNDER 37 C.F.R. 1.97-1.99

Enclosed herewith are patents and/or publications for consideration by the Patent and Trademark Office in regard to the invention claimed in the above-described application. In compliance with §1.56, such documents are listed in the enclosed Form PTO-1449.

Applicants request that the Patent and Trademark Office make of record the above-identified documents. Unless otherwise indicated, a full text copy of each document is attached. For documents not in English, an English translation or an equivalent English language patent or publication is attached. Where a translation is not available, a concise explanation of the relevance of each document not in English is included either here or in the specification.

This Information Disclosure Statement is submitted according to the following selected paragraph:

- I. ☒ This Statement is being filed under §1.97(b) within three months of the filing date of the application (other than a CPA), or before the first Office action on the merits or before mailing of a first Office action after the filing of a request for continued examination.
- II. ☐ This Statement is being filed under §1.97(c), with fee, prior to either a final action, a notice of allowance or an that otherwise closes prosecution in the application. Please charge the fee required by §1.17(p) to Eastman Kodak Company Deposit Order Account Number 05-0225. A duplicate copy of this Statement is enclosed.

III. ☐ This Statement is being filed under §1.97(c), with a statement under, §1.97(e) **prior** to either a final action, a notice of allowance or an action that otherwise closes prosecution in the application. The undersigned hereby states that (check one):

☐ each item of information contained in this Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement.

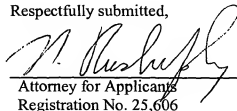
☐ no item of information in this Statement was cited in a Communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification statement under §1.97(e) after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this Statement.

IV. ☐ This Statement is being filed under §1.97(d), with petition and statement under §1.97(e), on or after the mailing date of either a final action, a notice of allowance (but prior to payment of the issue fee) or an action that otherwise closes prosecution in the application. The undersigned hereby petitions that this Statement be considered prior to issuance of the patent. Please charge the fee required by §1.17(p) to Eastman Kodak Company Deposit Order Account No. 05-0225. A duplicate copy of this Statement is enclosed. The undersigned hereby states that (check one):

☐ each item of information in this Statement was cited in a Communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement.

☐ no item of information in this Statement was cited in a Communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification Statement under §1.97(e) after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this Statement.

Respectfully submitted,



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Enclosures

If AFTER the later date of the first Office Action or 3 months from filing, use only with Rule 97(E) Certificate or Fee

Applicant:

Constantine N. Anagnostopoulos, et al

LIST OF ART CITED BY APPLICANT

(Use several sheets if necessary)

Filing Date

December 19, 2001

Group

2853

U.S. PATENT DOCUMENTS

Examiner Initial*	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1,941,001	Dec. 26, 1933	Hansell			
	3,373,437	Mar. 12, 1968	Sweet et al			
	3,416,153	Dec. 10, 1968	Hertz et al			
	3,946,398	Mar. 23, 1976	Kyser et al			
	4,346,387	Aug. 24, 1982	Hertz			
	5,825,385	Oct. 20, 1998	Silverbrook			
	5,880,759	Mar. 9, 1999	Silverbrook			
	5,481,284	Jan. 2, 1996	Kitahara et al			
	5,966,154	Oct 12, 1999	DeBoer			
	6,079,821	June 27, 2000	Chwalek et al			
	6,217,163	Apr 17, 2001	Anagnostopoulos et al			
	6,213,595	Apr 10, 2001	Anagnostopoulos et al			

FOREIGN PATENT DOCUMENTS

Examiner Initial*	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	GB 2 007 162 A	2 October 1978	United Kingdom			
	EP 0 805 036 A2	5 Nov. 1997	Europe			
	EP 1 110 732 A2	11 Dec 2000	Europe			
	Japanese 6 - 183029 (A)	5 July 1994	Japan			

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

"CMOS INTEGRATED INK JET PRINT HEADS" by Constantine N. Anagnostopoulos, Eastman Kodak Company (April 4, 2000).

"The Fabrication and Reliability Testing of Ti/TiN Heaters" by P. De Moor et al, Proceeding of SPIE, Volume 3874, on Micromachining and Microfabrication Process Technology V, Chairs/Editors: James H. Smith and Jean-Michel Karam, published August 1999.

U.S. Patent Application No. 09/ 751,593 , filed December 29, 2000 and entitled: CMOS/MEMS INTEGRATED INK JET PRINT HEAD WITH OXIDE BASED LATERAL FLOW NOZZLE ARCHITECTURE AND METHOD OF FORMING SAME in the name of C. N. Anagnostopoulos et al.

U.S. Patent Application No. 09/751,115 , filed December 29, 2000 and entitled: INCORPORATION OF SUPPLEMENTARY HEATERS IN THE INK CHANNELS OF CMOS/MEMS INTEGRATED INK JET PRINT HEAD AND METHOD OF FORMING SAME in the name of C. N. Anagnostopoulos et al.

U.S. Patent Application No. 09751,726 , filed December 29, 2000 and entitled: INCORPORATION OF SILICON BRIDGES IN THE INK CHANNELS OF CMOS/MEMS INTEGRATED INK JET PRINT HEADS, in the name of C. N. Anagnostopoulos et al.

U.S. Patent Application No. 09/751,722 , filed December 29, 2000 and entitled: CMOS/MEMS INTEGRATED INK JET PRINT HEAD WITH SILICON BASED LATERAL FLOW NOZZLE ARCHITECTURE AND METHOD OF FORMING SAME, in the name of C. N. Anagnostopoulos et al.

U.S. Patent Application No. 09/731,355 filed December 6, 2000 and entitled: IMPROVED PAGE WIDE INK JET PRINTING, in the name of C. N. Anagnostopoulos et al.

EXAMINER	DATE CONSIDERED
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>	